

## WEST Search History for Application 10567388

Creation Date: 2009092916:49

hemostatic same compositionPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-31-2008  
(hemostatic same composition ) same thrombinPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-31-2008  
(hemostatic same composition same thrombin ) same sterilePGPB, USPT, USOC, EPAB,  
JPAB, DWPI, TDBD OR YES 03-31-2008  
(hemostatic same composition same thrombin same sterile ) and "liquid phase"PGPB, USPT,  
USOC, EPAB, JPAB, DWPI, TDBD OR YES 03-31-2008  
(hemostatic same composition same thrombin same sterile and "liquid phase" ) and "solid  
phase"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 03-31-2008  
"solid phase" and "liquid phase" and "thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-31-2008  
("solid phase" and "liquid phase" and "thrombin" ) and "hemostatic"PGPB, USPT, USOC,  
EPAB, JPAB, DWPI, TDBD OR YES 03-31-2008  
("solid phase" and "liquid phase" and "thrombin" and "hemostatic" ) and "polymer"PGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 03-31-2008  
("solid phase" and "liquid phase" and "thrombin" and "hemostatic" and "polymer" ) and  
"particles"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 03-31-2008  
("solid phase" and "liquid phase" and "thrombin" and "hemostatic" and "polymer" and  
"particles" ) and "sterile thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-31-2008  
("solid phase" and "liquid phase" and "thrombin" and "hemostatic" and "polymer" and  
"particles" ) and "continuous liquid phase"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-31-2008  
("solid phase" and "liquid phase" and "thrombin" and "hemostatic" and "polymer" and  
"particles" ) and "irradiating"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-31-2008  
"sterile thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 11-24-2008  
("sterile thrombin" ) and "liquid"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 11-24-2008  
thrombin same liquidPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 03-24-2009  
(thrombin same liquid ) same polymerPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-24-2009  
(thrombin same liquid same polymer ) same solidPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-24-2009  
(thrombin same liquid same polymer same solid ) same phasesPGPB, USPT, USOC, EPAB,  
JPAB, DWPI, TDBD OR YES 03-24-2009  
dispersion same (thrombin same liquid same polymer same solid same phases )PGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 03-24-2009  
dispersion same thrombinPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-24-2009  
(dispersion same thrombin ) same phasePGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 03-24-2009  
20020042378PGPB OR YES 04-30-2009  
(20020042378 ) and "liquid phase"PGPB OR YES 04-30-2009  
"liquid phase" and "solid phase"PGPB, USPT, USOC, EPAB, JPAB, DWPI,

TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" ) and "thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" ) and "sterile thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" ) and "polymer"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" ) and "saline"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 (20020042378 ) and "saline"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" ) and "liquid phase"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" ) and "gelatin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" and "gelatin" ) and "liquid phase comprises saline"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" and "gelatin" ) and "liquid phase comprising saline"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" and "gelatin" ) and "saline in liquid phase"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 (20020042378 ) and "activity"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" and "gelatin" ) and "activity"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" and "gelatin" and "activity" ) and "percent"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" and "gelatin" and "activity" and "percent" ) and "activity percentage"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("liquid phase" and "solid phase" and "thrombin" and "polymer" and "saline" and "liquid phase" and "gelatin" and "activity" and "percent" ) and "percentage of activity"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 (20020042378 ) and "homogenous"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 (20020042378 ) and "homogeneous"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 (20020042378 ) and "dispersion"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 "liquid sterile thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 "sterile thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("sterile thrombin" ) and "liquid"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 ("sterile thrombin" and "liquid" ) and "polymer"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-30-2009  
 5525498.pn.USPT OR YES 05-07-2009

(5525498.pn. ) same irradiat?USPT OR YES 05-07-2009  
 (5525498.pn. ) and "irradiat"USPT OR YES 05-07-2009  
 (5525498.pn. ) and "irradiate"USPT OR YES 05-07-2009  
 (5525498.pn. ) and "gamma"USPT OR YES 05-07-2009  
 (5525498.pn. ) and "radiation"USPT OR YES 05-07-2009  
 20020061842PGPB OR YES 05-07-2009  
 (20020061842 ) same thrombinPGPB OR YES 05-07-2009  
 20020061842PGPB OR YES 05-07-2009  
 (20020061842 ) and "thrombin"PGPB OR YES 05-07-2009  
 (20020061842 and "thrombin" ) and "radiation"PGPB OR YES 05-07-2009  
 (20020061842 and "thrombin" and "radiation" ) and "particles"PGPB OR YES 05-07-2009  
 (20020061842 and "thrombin" and "radiation" and "particles" ) and "solid phase"PGPB OR YES 05-07-2009  
 (20020061842 and "thrombin" and "radiation" and "particles" ) and "liquid phase"PGPB OR YES 05-07-2009  
 (20020061842 and "thrombin" and "radiation" and "particles" ) and "dissolved thrombin"PGPB OR YES 05-07-2009  
 "liquid thrombin"PGPB OR YES 05-07-2009  
 ("liquid thrombin" ) and "radiation"PGPB OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" ) and "liquid"PGPB OR YES 05-07-2009  
 5397704.pn.USPT OR YES 05-07-2009  
 (5397704.pn. ) and "radiation"USPT OR YES 05-07-2009  
 (5397704.pn. ) and "gamma"USPT OR YES 05-07-2009  
 (5397704.pn. ) and "ionizing"USPT OR YES 05-07-2009  
 (5397704.pn. ) and "irradiation"USPT OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" ) and "ionizing radiation"USPT OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" ) and "irradiation"USPT OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" ) and "irradiating"USPT OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" ) and "radiation"USPT OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" ) and "ionizing radiation"PGPB OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" and "ionizing radiation" ) and "particles"PGPB OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" and "ionizing radiation" and "particles" ) and "saline"PGPB OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" and "ionizing radiation" and "particles" and "saline" ) and "polymer"PGPB OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" and "ionizing radiation" and "particles" and "saline" and "polymer" ) and "liquid thrombin"PGPB OR YES 05-07-2009  
 ("liquid thrombin" and "radiation" and "liquid" and "ionizing radiation" and "particles" and "saline" and "polymer" and "liquid thrombin" ) and "sterile liquid thrombin"PGPB OR YES 05-07-2009  
 "irradiating liquid thrombin"PGPB OR YES 05-07-2009  
 "sterilizing liquid thrombin"PGPB, USPT OR YES 05-07-2009  
 "collagen particles" and "liquid thrombin"PGPB, USPT OR YES 05-07-2009  
 polymer(p)particles same liquid(p)thrombinPGPB, USPT OR YES 05-07-2009  
 (polymer(p)particles same liquid(p)thrombin ) and "liquid thrombin"PGPB, USPT OR YES 05-07-2009

(polymer(p)particles same liquid(p)thrombin and "liquid thrombin" ) and "particles"PGPB, USPT OR YES 05-07-2009

(polymer(p)particles same liquid(p)thrombin and "liquid thrombin" and "particles" ) and "collagen"PGPB, USPT OR YES 05-07-2009

(polymer(p)particles same liquid(p)thrombin and "liquid thrombin" and "particles" ) and "gelatin"PGPB, USPT OR YES 05-07-2009

(polymer(p)particles same liquid(p)thrombin and "liquid thrombin" and "particles" ) and "fibrinogen"PGPB, USPT OR YES 05-07-2009

(polymer(p)particles same liquid(p)thrombin and "liquid thrombin" and "particles" ) and "fibronectin"PGPB, USPT OR YES 05-07-2009

(polymer(p)particles same liquid(p)thrombin and "liquid thrombin" and "particles" and "fibrinogen" ) and "particle"PGPB, USPT OR YES 05-07-2009

(polymer(p)particles same liquid(p)thrombin and "liquid thrombin" and "particles" and "gelatin" ) and "particle"PGPB, USPT OR YES 05-07-2009

"sterile liquid thrombin" and "mixture" and "particles"PGPB, USPT OR YES 05-07-2009

hemostatic same sterilePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

(hemostatic same sterile ) same thrombinPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

(hemostatic same sterile same thrombin ) same liquid(p)thrombinPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

"liquid thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

("liquid thrombin" ) and "sterile thrombin"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

("liquid thrombin" and "sterile thrombin" ) and "solid phase"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

("liquid thrombin" and "sterile thrombin" ) and "polymer"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

thrombin.clm.PGPB OR YES 05-15-2009

thrombin.clm.PGPB, USPT OR YES 05-15-2009

(thrombin.clm. ) same liquid.clm.PGPB, USPT OR YES 05-15-2009

(thrombin.clm. same liquid.clm. ) same polymer.clm.PGPB, USPT OR YES 05-15-2009

(thrombin.clm. same liquid.clm. same polymer.clm. ) same phase.clm.PGPB, USPT OR YES 05-15-2009

(thrombin.clm. same liquid.clm. same polymer.clm. ) same solid.clm.PGPB, USPT OR YES 05-15-2009

(thrombin.clm. same liquid.clm. same polymer.clm. ) same sterile.clm.PGPB, USPT OR YES 05-15-2009

(hemostatic same sterile ) same liquidPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

(hemostatic same sterile same liquid ) same thrombinPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

(hemostatic same sterile same liquid same thrombin ) same polymerPGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-15-2009

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
3743140.pn.	USPT	OR	YES		09-29-2009

4891359.pn.	USPT	OR	YES		09-29-2009
5143838.pn.	USPT	OR	YES		09-29-2009
5677284.pn.	USPT	OR	YES		09-29-2009
6120751.pn.	USPT	OR	YES		09-29-2009
6432415.pn.	USPT	OR	YES		09-29-2009
7109163.pn.	USPT	OR	YES		09-29-2009
20030129183	PGPB	OR	YES		09-29-2009
20030028140	PGPB	OR	YES		09-29-2009
20050037088	PGPB	OR	YES		09-29-2009
20060127488	PGPB	OR	YES		09-29-2009
(3743140.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(4891359.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(5143838.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(3743140.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(5677284.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(6120751.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(6432415.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(7109163.pn. ) and "thrombin"	USPT	OR	YES		09-29-2009
(20030129183 ) and "thrombin"	PGPB	OR	YES		09-29-2009
(20030028140 ) and "thrombin"	PGPB	OR	YES		09-29-2009
(20050037088 ) and "thrombin"	PGPB	OR	YES		09-29-2009
(20060127488 ) and "thrombin"	PGPB	OR	YES		09-29-2009
(20060127488 and "thrombin" ) and "sterile"	PGPB	OR	YES		09-29-2009
(20050037088 and "thrombin" ) and "sterile"	PGPB	OR	YES		09-29-2009
(20030129183 ) and "sterile thrombin"	PGPB	OR	YES		09-29-2009
(20030129183 and "thrombin" ) and "sterile"	PGPB	OR	YES		09-29-2009
(20030028140 and "thrombin" ) and "sterile"	PGPB	OR	YES		09-29-2009
(20030028140 and "thrombin" and "sterile" ) and "liquid"	PGPB	OR	YES		09-29-2009
(20030028140 and "thrombin" and "sterile" and "liquid" ) and "sterile thrombin"	PGPB	OR	YES		09-29-2009

(4891359.pn. and "thrombin" ) and "sterile thrombin"	PGPB	OR	YES		09-29-2009
(5143838.pn. and "thrombin" ) and "sterile thrombin"	PGPB	OR	YES		09-29-2009
(3743140.pn. and "thrombin" ) and "sterile thrombin"	PGPB	OR	YES		09-29-2009
(3743140.pn. ) and "sterile thrombin"	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
( (3743140.pn. ) and (4891359.pn. ) ) same steril?(p)thrombin	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
steril?(p)thrombin	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
steril? same thrombin	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
((3743140.pn. ) or (4891359.pn. ) or (5143838.pn. ) or (5677284.pn. ) or (6120751.pn. ) or (6432415.pn. ) or (7109163.pn. ) ) same (steril? same thrombin )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
(6120751.pn. ) and "sterile thrombin"	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
(steril? same thrombin ) same liquid(p)phase	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
(liquid or solid) same phase	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
(steril? same thrombin ) and ((liquid or solid) same phase )	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009

<b>(steril? same thrombin and (liquid or solid) same phase ) and enzym?</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
<b>(steril? same thrombin and (liquid or solid) same phase and enzym? ) and activi?</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
<b>(steril? same thrombin and (liquid or solid) same phase and enzym? ) and activ?</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
<b>(steril? same thrombin and (liquid or solid) same phase and enzym? and activ? ) and hemostat?</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
<b>(steril? same thrombin and (liquid or solid) same phase and enzym? and activ? and hemostat? ) and particle</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009
<b>(steril? same thrombin and (liquid or solid) same phase and enzym? and activ? and hemostat? and particle ) and polymer</b>	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		09-29-2009